



- LEGEND:**
- | | |
|-------|--|
| ————— | PROPOSED FINAL GRADE |
| ----- | PROPOSED PREPARATORY GRADE |
| ——— | EXISTING INTERIM GRADE |
| ————— | ORIGINAL GRADE |
| ----- | INTERIM GRADING SOIL BUFFER |
| ----- | APPROXIMATE LIMIT OF DRAIN
TRENCH EXCAVATION (SEE NOTE 3) |
| (A) | TOP OF EXISTING LINER |
| (B) | PROPOSED TIE-IN OF FILL
SURFACE TO TOP OF BUFFER |

1. SEE DRAWINGS C-23 AND C-24 FOR BASELINE SHOWING CROSS-SECTION STATION LOCATIONS.
2. SEE DRAWING C-61 FOR LANDFILL FILL PLACEMENT AND DAILY COVER REQUIREMENTS.
3. BACKFILL DRAIN TRENCH WITH STONE AS SHOWN IN THE TYPICAL SECTIONS ON SHEET C-62.
4. CONTRACTOR SHALL CONFIRM ACTUAL OUTSIDE EDGE OF TOP OF LINER AT 50-FOOT INTERVALS PRIOR TO START OF TRENCH EXCAVATION AND SHIFT PERIMETER DRAIN LOCATION AS NECESSARY.
5. ALL CAP DRAINS SHALL BE INSTALLED TO PROMOTE DRAINAGE OF CALCULATED WATER FROM THE CAP. BECAUSE THE CAP ALONG THE NORTH SIDE OF THE LANDFILL IS AT A CONSISTENT ELEVATION, IT WILL BE NECESSARY TO INSTALL THE PIPE WITH MULTIPLE OUTLETS FORMING A VERTICAL "HERRINGBONE" LAYOUT WITH OUTLET DRAINS AT THE LOW POINTS. (SEE DETAIL ON SHEET C-62)

[illegible]

WARNINGS

IF THE SEAL ON THIS PLAN IS
NOT RED, OR RAISED THEN THIS
PLAN MAY HAVE BEEN ALTERED
AND RECOPIED. ORIGINAL SEALS
ARE STAMPED IN RED INK OR
EMBOSSED WITH A CRIMPING SEAL

PLANS ISSUED BY:

URS

335 COMMERCIAL DRIVE, STE 300
FORT WASHINGTON, PA 19034
TEL: (215) 367-2500
FAX: (215) 367-1000

		DATE
DESIGNED BY:	ETS	04/05/05
DRAWN BY:	SMS	02/02/06
CHECKED BY:	PJD	10/30/07
APPROVED BY:	JAC	10/30/07
CLIENT APPROVED BY:		

DELAWARE CITY REFINERY
INDUSTRIAL WASTE LANDFILL CLOSURE

COVER SYSTEM TERMINATION
CROSS-SECTIONS (SHEET 4 OF 4)

JOB NO. 20240421		SCALE: AS SHOWN	
ORIGINAL DATE: 04/05/05	LAST REVISED: 10/30/07	REV 1	
DRAWING NO.			

C-53